



2 **Supplementary Figure 3: Phenotypic impact of Zn²⁺-restriction on *S. pneumoniae* growth. *S.***
3 *pneumoniae* D39 (a), $\Delta adcAII$ (b), $\Delta adcAII\Delta adcA$ (c), $\Delta adcAII\Delta adcA::adcA_C$ (d),
4 $\Delta adcAII\Delta adcA::adcA_{\Delta His}$ (e), $\Delta adcAII\Delta adcA::adcA_N$ (f), $\Delta adcAII\Delta adcA::adcA_{\Delta Loop}$ (g),
5 $\Delta adcAII\Delta adcA::adcA_{N\Delta Loop}$ (h), $\Delta adcAII\Delta adcA::adcA_{H63A}$ (i), and $\Delta adcAII\Delta adcA::adcA_{H204A}$ (j)
6 grown in Zn²⁺-restricted or Zn²⁺-replete CDM as indicated. The data correspond to mean (\pm S.E.M.)
7 absorbance 600 nm measurements from at least three independent biological experiments. Error bars,
8 where not visible, are overlapped by the representative symbols.

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